Amendments to the Claims

A listing of the claims, including Claim 1 as currently amended, is set forth below.

1. (Currently Amended) A method of evaluating whether a human may be at ~~an individual for relative genetic~~ risk for autism, the method comprising determining the human's ~~individual's~~ genotype at polymorphism sites rs2056202 and/or rs2292813 of the SLC25A12 gene, wherein the presence of a G at either of the two sites indicates the human may be at ~~an increased~~ risk for autism.

2. (Original) The method of claim 1, wherein the genotype are determined by one or more methods selected from the group consisting of single strand conformation polymorphism, denaturing high performance liquid chromatography, DNA Invader, and polymerase chain reaction amplification followed by sequencing.

3. (Original) The method of claim 1, using polymerase chain reaction amplification with at least one primer comprising a sequence selected from the group consisting of SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7, and SEQ ID NO:8.

4-23. (Canceled).